

WHAT IS CLAIMED IS:

1. A rechargeable battery having a cover, the rechargeable battery comprising:

at least one connecting pole comprising a pole shank inserted into a pole sleeve having an inner casing, the connecting pole being closed from the outside of the rechargeable battery such that it is liquid-tight and gas-tight;

wherein the pole sleeve is electrically conductively connected to the pole shank and is held in a liquid-tight and gas-tight manner by the cover;

wherein a first section of the pole shank is electrically conductively connected in a gas-tight and liquid-tight manner to the inner casing of the pole sleeve; and

further comprising a sliding element provided between a second section of the pole shank and the inner casing of the pole sleeve.

2. The rechargeable battery of Claim 1 wherein the first section is provided toward a free end of the pole shank and the sliding element is surrounded at least in places by an attachment section of the pole sleeve which is used to attach the pole sleeve to the cover.

3. The rechargeable battery of Claim 1 wherein the sliding element is provided in the form of an insert in the pole sleeve.

4. The rechargeable battery of Claim 1 wherein the sliding element is integrally formed on the cover.

5. The rechargeable battery of Claim 1 wherein the sliding element is provided in the form of a covering on the pole shank.

6. The rechargeable battery of Claim 1 wherein the sliding element is provided in the form of a coating on the pole shank.

7. The rechargeable battery of Claim 1 wherein the sliding element is provided in the form of a ring which is provided on an insertion opening in the pole sleeve.

8. The rechargeable battery of Claim 1 wherein the sliding element is formed from plastic.